

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 1.28**WELDING INSPECTION REPORT****Resident Engineer:** Casey, William**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-027417**Date Inspected:** 06-Apr-2012**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1300**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** Job Site**CWI Name:** As noted below**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** SAS OBG**Summary of Items Observed:**

Quality Assurance Inspector (QA) Douglas Frey was at the American Bridge/Fluor (ABF) job site at Yerba Buena Island in California between the times noted above in order to monitor Quality Control functions and the in process work being performed by ABF personnel. The following items were observed:

12W PP109.5 W5-DAH (Interior)

This QA Inspector made random observations of ABF welder Salvador Sandoval (ID 2202) conducting set-up operations on the root side of the Deck Access Hole (DAH) at 12W PP109.5 W5 on the interior of the OBG. Mr. Sandoval was observed making preparations in order to back gouge the root. This QA Inspector made subsequent observations throughout the shift and noted that no welding commenced on this date at this location.

12E PP109.5 E5-DAH (Interior)

This QA Inspector at random intervals, observed ABF welder Khit Lounechany (ID 4895) conducting clean-up operations on the excessive weld reinforcement on the DAH at 12E PP109.5 E5 on the interior of the OBG. This QA Inspector randomly observed the welder grinding and blending the excessive reinforcement of the weld utilizing a small disc grinder and the Carbon Air Arc method to remove the metal to a near flush surface condition. On subsequent observations, it was noted that no welding commenced on this date at this location.

This QA Inspector reviewed spreadsheets, NDT logs and performed a survey of the status of the Deck Access Holes to monitor progress and coordinate testing with QC.

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Summary of Conversations:

This QA inspector met with QA Inspector Ken Riley to coordinate inspections required and welder assignments.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Nina Choy 510-385-5910 , who represents the Office of Structural Materials for your project.

Inspected By:	Frey,Doug	Quality Assurance Inspector
Reviewed By:	Levell,Bill	QA Reviewer
